

CLAIM AMENDMENTS

Claims 1-10 (canceled).

Claim 11 (new): A penetrable assemble magnetic energy generator for a magnetic light, comprising:

an assembled magnetic body, which comprises:

a first of magnetic member, having a trough-shaped structure, comprising a projected pin extending therewithin; and

a second of magnetic member, which is engaged with and covered with said first of magnetic member, comprising an elongated inserter extended into said first of magnetic member and aligned with said projected pin to define a fixed magnetic air gap between said elongated inserter and said projected pin;

an insulated bakelite frame extended from said projected pin to said elongated inserter; and

an electromagnetic induction coil enwinding with said insulated bakelite frame from said projected pin to said elongated inserter through said magnetic air gap.

Claim 12 (new): The penetrable assemble magnetic energy generator, as recited in claim 11, wherein an engaging shoulder of said first of magnetic member is coupled with an engaging shoulder of said second of magnetic member to detachably couple said first and second magnetic members with each other and to ensure said projected pin and said elongated inserter being aligned with each other.

Claim 13 (new): The penetrable assemble magnetic energy generator, as recited in claim 11, wherein said electromagnetic induction coil enwinding with said insulated bakelite frame is selected from a group consisting of a single multi-enamel wire wrapped by an insulated casing, two or four of parallel entwisted multi-enamel wires wrapped with an insulated casing, a plurality of wires wrapped within an insulated casing with varied diameter or varied quantity, and a plurality of copper wires wrapped by said insulated casing, wherein a winding circle of said electromagnetic induction coil is a complete circle or as many as N circles.

Claim 14 (new): The penetrable assemble magnetic energy generator, as recited in claim 12, wherein said electromagnetic induction coil enwinding with said insulated bakelite frame is selected from a group consisting of a single multi-enamel wire wrapped by an insulated casing, two or four of parallel entwisted multi-enamel wires wrapped with an insulated casing, a plurality of wires wrapped within an insulated casing with varied diameter or varied quantity, and a plurality of copper wires wrapped by said insulated casing, wherein a winding circle of said electromagnetic induction coil is a complete circle or as many as N circles.

Claim 15 (new): A magnetic light, comprising:

an airtight hollow light body having an inner cavity and a through slot; and

a magnetic energy generator, which is coupled at said through slot of said light body, comprising:

an assembled magnetic body, which comprises:

a first of magnetic member, having a trough-shaped structure, comprising a projected pin extending therewithin; and

a second of magnetic member, which is engaged with and covered with said first of magnetic member, comprising an elongated inserter extended into said first of magnetic member and aligned with said projected pin to define a fixed magnetic air gap between said elongated inserter and said projected pin;

an insulated bakelite frame extended from said projected pin to said elongated inserter; and

an electromagnetic induction coil enwinding with said insulated bakelite frame from said projected pin to said elongated inserter through said magnetic air gap.

Claim 16 (new): The magnetic light, as recited in claim 15, wherein an engaging shoulder of said first of magnetic member is coupled with an engaging shoulder of said second of magnetic member to detachably couple said first and second magnetic members with each other and to ensure said projected pin and said elongated inserter being aligned with each other.

Claim 17 (new): The magnetic light, as recited in claim 15, wherein said electromagnetic induction coil enwinding with said insulated bakelite frame is selected from a group consisting of a single multi-enamel wire wrapped by an insulated casing, two or four of parallel entwisted multi-enamel wires wrapped with an insulated casing, a plurality of wires wrapped within an insulated casing with varied diameter or varied quantity, and a plurality of copper wires wrapped by said insulated casing, wherein a winding circle of said electromagnetic induction coil is a complete circle or as many as N circles.

Claim 18 (new): The magnetic light, as recited in claim 16, wherein said electromagnetic induction coil enwinding with said insulated bakelite frame is selected from a group consisting of a single multi-enamel wire wrapped by an insulated casing, two or four of parallel entwisted multi-enamel wires wrapped with an insulated casing, a plurality of wires wrapped within an insulated casing with varied diameter or varied quantity, and a plurality of copper wires wrapped by said insulated casing, wherein a winding circle of said electromagnetic induction coil is a complete circle or as many as N circles.

Claim 19 (new): The magnetic light, as recited in claim 15, wherein said light body having an inner cavity and a through slot, and comprising a fluorescent layer coated at said inner cavity, an inert air and mercury received within said inner cavity.

Claim 20 (new): The magnetic light, as recited in claim 16, wherein said light body having an inner cavity and a through slot, and comprising a fluorescent layer coated at said inner cavity, an inert air and mercury received within said inner cavity.

Claim 21 (new): The magnetic light, as recited in claim 18, wherein said light body having an inner cavity and a through slot, and comprising a fluorescent layer coated at said inner cavity, an inert air and mercury received within said inner cavity.